

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

| | | | | | | | | | | | |
|---|--|--|--|--|--|---|--|--|--|--|--|
| APPLICATION FOR PERMIT TO DRILL | | | | | | 1. WELL NAME and NUMBER Ute Tribal 18-02B | | | | | |
| 2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/> | | | | | | 3. FIELD OR WILDCAT ANTELOPE CREEK | | | | | |
| 4. TYPE OF WELL Oil Well Coalbed Methane Well: NO | | | | | | 5. UNIT or COMMUNITIZATION AGREEMENT NAME ANTELOPE CREEK | | | | | |
| 6. NAME OF OPERATOR PETROGLYPH OPERATING CO | | | | | | 7. OPERATOR PHONE 208 685-7674 | | | | | |
| 8. ADDRESS OF OPERATOR 960 Broadway Ave, Ste 500, Bosie, ID, 83703 | | | | | | 9. OPERATOR E-MAIL bwest@pgei.com | | | | | |
| 10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-3513 | | | | 11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> | | 12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> | | | | | |
| 13. NAME OF SURFACE OWNER (if box 12 = 'fee') | | | | | | 14. SURFACE OWNER PHONE (if box 12 = 'fee') | | | | | |
| 15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') | | | | | | 16. SURFACE OWNER E-MAIL (if box 12 = 'fee') | | | | | |
| 17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Indian Tribe | | | | 18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/> | | 19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/> | | | | | |

| 20. LOCATION OF WELL | FOOTAGES | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN |
|---------------------------------|-------------------|---------|---------|----------|-------|----------|
| LOCATION AT SURFACE | 780 FNL 1714 FEL | NWNE | 18 | 5.0 S | 3.0 W | U |
| Top of Uppermost Producing Zone | 1420 FNL 1190 FEL | SENE | 18 | 5.0 S | 3.0 W | U |
| At Total Depth | 1420 FNL 1190 FEL | SENE | 18 | 5.0 S | 3.0 W | U |

| | | | | | |
|---|--|--|--|---|--|
| 21. COUNTY DUCHESNE | | 22. DISTANCE TO NEAREST LEASE LINE (Feet) 780 | | 23. NUMBER OF ACRES IN DRILLING UNIT 640 | |
| | | 25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1215 | | 26. PROPOSED DEPTH MD: 6011 TVD: 6011 | |
| 27. ELEVATION - GROUND LEVEL 5987 | | 28. BOND NUMBER BO 4556 | | 29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8342 | |

| Hole, Casing, and Cement Information | | | | | | | | | | |
|--------------------------------------|-----------|-------------|----------|--------|----------------|-------------|---------|-------|-------|--------|
| String | Hole Size | Casing Size | Length | Weight | Grade & Thread | Max Mud Wt. | Cement | Sacks | Yield | Weight |
| Cond | 18 | 14 | 0 - 40 | 5.0 | Unknown | 10.0 | Class G | 25 | 1.17 | 15.8 |
| Surf | 12.25 | 8.625 | 0 - 480 | 24.0 | J-55 ST&C | 10.0 | Class G | 220 | 1.17 | 15.8 |
| Prod | 8.75 | 5.5 | 0 - 6011 | 15.5 | J-55 LT&C | 10.0 | Class G | 516 | 1.91 | 12.5 |
| | | | | | | | Class G | 338 | 1.46 | 13.4 |

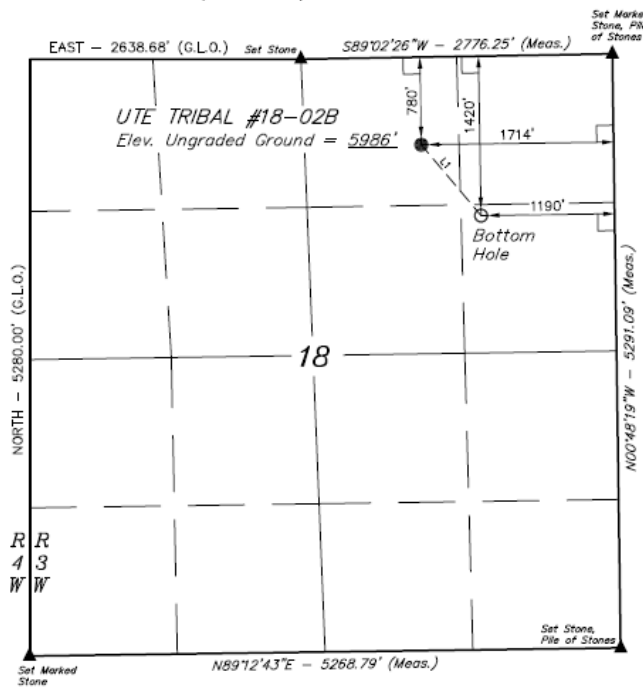
ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

| | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) | <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER |
| <input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) | <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP |

| | | |
|--|------------------------|-------------------------------------|
| NAME Ed Trotter | TITLE Agent | PHONE 435 789-4120 |
| SIGNATURE | DATE 06/01/2011 | EMAIL edtrotter@easilink.com |
| API NUMBER ASSIGNED 43013508010000 | | |
| APPROVAL Permit Manager | | |

T5S, R3W, U.S.B.&M.



LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

| LINE TABLE | | |
|------------|--------------|---------|
| LINE | DIRECTION | LENGTH |
| L1 | S40°11'07\"E | 825.97' |

| NAD 83 (TARGET BOTTOM HOLE) | | NAD 83 (SURFACE LOCATION) | |
|---|--|---|--|
| LATITUDE = 40°02'59.73\" (40.049925) | | LATITUDE = 40°03'08.04\" (40.051678) | |
| LONGITUDE = 110°15'37.61\" (110.260447) | | LONGITUDE = 110°15'44.36\" (110.262322) | |
| NAD 27 (TARGET BOTTOM HOLE) | | NAD 27 (SURFACE LOCATION) | |
| LATITUDE = 40°02'59.87\" (40.049984) | | LATITUDE = 40°03'08.18\" (40.051717) | |
| LONGITUDE = 110°15'35.06\" (110.259739) | | LONGITUDE = 110°15'41.81\" (110.261614) | |

PETROGLYPH OPERATING CO., INC.

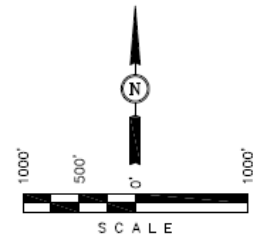
Well location, UTE TRIBAL #18-02B, located as shown in the NW 1/4 NE 1/4 of Section 18, T5S, R3W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BRASS CAP SET IN CONCRETE BY SUNRISE ENGINEERING LOCATED IN THE SE 1/4 OF SECTION 8, T5S, R3W, U.S.B.&M. SAID ELEVATION IS MARKED AS BEING 6191.3 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE SURVEY WAS PREPARED FOR FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 181318
STATE OF UTAH

REVISED: 03-09-11

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

| | | |
|-------------------------|--------------------------------|-------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 02-16-11 | DATE DRAWN: 03-07-11 |
| PARTY B.H. K.P. S.B. | REFERENCES G.L.O. PLAT | FILE |
| WEATHER COLD | PETROGLYPH OPERATING CO., INC. | |